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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/632,000 Confirmation No.:  
U Filing Date: 7/30/2003 Art Unit:  
PATENT & TRADEMARK OFFICE Inventor: Wolman, Abel Examiner:  
5 Title: GEOMETRIZATION FOR PATTERN RECOGNITION, DATA  
ANALYSIS, DATA MERGING, AND MULTIPLE CRITERIA  
DECISION MAKING  
Attorney Docket: 1624-3641

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Portland, OR 97219

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35 Respectfully submitted,

Keith A. Cushing  
503 220 8575  
Reg. No. 32,407

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Sheet

1

of

6

Application Number

10/632,000

Filing Date

07/30/2003

First Named Inventor

Wolman, Abel

Art Unit

2171

Examiner Name

Attorney Docket Number

1624-3641

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	BAIRD, J. C., Selection from Fundamentals of Scaling and Psychophysics, Wiley, 1978, pp. 177-205.	
	2	BORG, I. AND GROENEN, P., Modern Multidimensional Scaling: Theory and Applications, Springer, New York, 1997, pp. 15-27; 159-173.	
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	4	COMMANDEUR, J. AND HEISER, W., "Mathematical derivations in the proximity scaling (Proxscal) of symmetric data matrices," Tech. Report No. 99-93-03, Department of Data Theory,	
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	5	CUNNINGHAM, J. P. AND SHEPARD, R. N., "Monotone mapping for similarities into a general metric space," J. Math. Psychol., 11, 1974, 335-363.	
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	8	GIFI, A., "Algorithm descriptions for Anacor, Homals, Princals, and Overals," Tech. Report No. RR-89-01, Department of Data Theory, University of Leiden, 1989.	

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		Application Number	10/632,000
		Filing Date	07/30/2003
		First Named Inventor	Wolman, Abel
		Art Unit	2171
		Examiner Name	
Sheet	2	of	6
		Attorney Docket Number	1624-3641

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	9	GOODHILL, G. J. ET AL., "An evaluation of the use of multidimensional scaling for understanding brain connectivity," Research Paper EUCCS/RP-63, University of Edinburgh, 1994,	
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	10	KENDALL, G. D., "Seriation," in Hodson et al., Mathematics in the Archaeological and Historical Sciences, 1970, pp. 215-251.	
	11	LINGOES, J. C. ET AL., Geometric Representations of Relational Data, Mathesis Press, Ann Arbor, 1979, pp. 313-317, 529-539, 791-815.	
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	15	NARENS, L., Theories of Meaningfulness. Lawrence Erlbaum, Mahwah, New Jersey, 2002, pp. 45-56.	
	16	OSBORNE, D. K., "Further extensions of a theorem of dimensional analysis," J. Math. Psychol., 7, 1970, pp. 236-242.	
	17	OVCHINNIKOV, S., "Means of ordered sets," Math. Social Sci., 32, 1996, pp. 39-56.	

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	18	ROBERTS, F. S., "Limitations on conclusions using scales of measurement," in S. M. Pollock et al., Eds., Handbooks in OR & MS, Vol. 6, Elsevier, New York, 1994, pp. 621-669.		
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	//	1977, pp. 7-67.		

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	25	WISH, M. AND CARROLL, J. D., "Multidimensional scaling and its applications," in P. R. Krishnaiah and L. N. Kanal, Eds., Handbook of Statistics, Vol. 2. North-Holland,		
	//	PP. 317 - 345		
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	28	PERREAU, W. D. AND YOUNG, F. W., "Alternating least squares optimal scaling: analysis of nonmetric data in marketing research,"		
	//	Journal of Marketing Research, 17, 1980, 1-13.		

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Sheet 15

of 16

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,321,613	06-1994	Porter et al	
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		US- 5,175,710	12-1992	Hutson	
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		US- 5,602,938	02-1997	Akiyama et al	
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**FOREIGN PATENT DOCUMENTS**

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